

Serial Number 09/553,108 Filed April 20, 2000
Amendment dated April 6, 2004
Reply to Office Action of February 9, 2004
Attorney Docket No. GJH-0017 (P1998J0107C)

LISTING OF THE CLAIMS:

1. (Currently Amended) A distillate fuel composition boiling in the range of about 190°C to 400°C with a T10 point greater than 205°C, a T95 point from 363 to 374°C, and having a sulfur level of less than about 100 wppm, a total aromatics content of about ~~20~~ 25 to about 35 wt.%, a polynuclear aromatics content of less than about 3 wt.%, and wherein the ratio of total aromatics to polynuclear aromatics is greater than about 11.
2. (Original) The distillate fuel composition of claim 1 wherein the sulfur level is less than about 50 wppm.
3. (Original) The distillate fuel composition of claim 2 wherein the sulfur level is less than about 10 wppm.
4. (Previously canceled.)
5. (Currently canceled)
6. (Original) The distillate fuel composition of claim 1 wherein the polynuclear aromatics content is less than about 2 wt.%.
7. (Original) The distillate fuel composition of claim 6 wherein the polynuclear aromatics content is less than about 1 wt.%.
8. (Original) The distillate fuel composition of claim 1 wherein the ratio of total aromatics to polynuclear aromatics is greater than about 13.
9. (Original) The distillate fuel composition of claim 8 wherein the ratio of total aromatics to polynuclear aromatics is greater than about 15.
10. (Previously presented) The distillate fuel composition of claim 5 wherein the sulfur level is less than about 50 wppm.

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11. (Original) The distillate fuel composition of claim 10 wherein the sulfur level is less than about 10 wppm.
12. (Original) The distillate fuel composition of claim 5 wherein the sulfur level is less than about 50 wppm.
13. (Original) The distillate fuel composition of claim 12 wherein the sulfur level is less than about 10 wppm.
14. (Original) The distillate fuel composition of claim 6 wherein the sulfur level is less than about 50 wppm.
15. (Original) The distillate fuel composition of claim 14 wherein the sulfur level is less than about 10 wppm.
16. (Original) The distillate fuel composition of claim 7 wherein the sulfur level is less than about 50 wppm.
17. (Original) The distillate fuel composition of claim 16 wherein the sulfur level is less than about 10 wppm.
18. (Original) The distillate fuel composition of claim 8 wherein the sulfur level is less than about 50 wppm.
19. (Original) The distillate fuel composition of claim 18 wherein the sulfur level is less than about 10 wppm.
20. (Original) The distillate fuel composition of claim 9 wherein the sulfur level is less than about 50 wppm.
21. (Original) The distillate fuel composition of claim 20 wherein the sulfur level is less than about 10 wppm.

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22) (Currently amended) A distillate fuel composition boiling in the range of about 190°C to 400°C with a T10 point greater than 205°C, a T95 point from 363 to 374°C, and having a sulfur level of less than about 50 wppm, a total aromatics content of ~~20~~ 25 to about 35 wt.%, a polynuclear aromatics content of less than about 2 wt.%, and wherein the ratio of total aromatics to polynuclear aromatics is greater than about 13.

23. (Previously presented) The distillate fuel composition of claim 22 wherein the sulfur level is less than about 10 wppm.

24. (Currently canceled)

25. (Previously presented) The distillate fuel composition of claim 22 wherein the polynuclear aromatics content is less than about 1.

26. (Previously presented) The distillate fuel composition of claim 22 wherein the ratio of total aromatics to polynuclear aromatics is greater than about 15.

27. (Previously presented) The distillate fuel composition of claim 24 wherein the sulfur level is less than about 10 wppm.

28. (Previously presented) The distillate fuel composition of claim 25 wherein the sulfur level is less than about 10 wppm.

29. (Previously presented) The distillate fuel composition of claim 26 wherein the sulfur level is less than about 10 wppm.

30. (Previously canceled.)

31. (Currently Amended) A method for abating particulate and Nox emissions in a compression ignition engine comprising providing to the engine a distillate fuel composition boiling in the range of about 190°C to 400°C with a T10 point greater than 205°C, a T95 point from 363 to 374°C, and having a sulfur level of less than about 100

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wppm, a total aromatics content of about ~~20~~ 25 to 35 wt.%, a polynuclear aromatics content of less than about 3 wt.%, and wherein the ratio of total aromatics to polynuclear aromatics is greater than about 11.

32. (Currently Amended) A fuel composition comprising a distillate boiling in the range of about 190°C to 400°C with a T10 point greater than 205°C, a T95 point from 363 to 374°C, and having a sulfur level of less than about 100 wppm, a total aromatics content of about ~~20~~ 25 to 35 wt.%, a polynuclear aromatics content of less than about 3 wt.%, and wherein the ratio of total aromatics to polynuclear aromatics is greater than about 11, to which is added at least one of (i) one or more lubricity aid, (ii) one or more viscosity modifier, (iii) one or more antioxidant, (iv) one or more cetane improver, (v) one or more dispersant, (vi) one or more cold flow improver, (vii) one or more metals deactivator, (viii) one or more corrosion inhibitor, (ix) one or more detergent, and (x) one or more distillate or upgraded distillate.